

Message

From: LEE, LILY [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=D6085A744F9347E6836C54C0E85B97B2-LLEE06]
Sent: 8/22/2017 4:55:21 PM
To: David Kappelman (Kappelman.David@epa.gov) [Kappelman.David@epa.gov]
Subject: FW: Another Portal Monitor description
Attachments: Inspection Report. 5-7-2014.pdf

From: LEE, LILY
Sent: Wednesday, July 5, 2017 11:54 PM
To: Nguyen, Lyndsey <Nguyen.Lyndsey@epa.gov>
Subject: Another Portal Monitor description

Here's spring 2014 NRC inspection rpt excerpt from attached:

For material entering and leaving the HPNS, Tetra Tech EC implemented the use of a portal radiation monitor at the HPNS. The inspector found that the monitor was properly installed, calibrated, daily source checked, and operated in accordance with Tetra Tech EC's "Standard Operating Procedure, HPO-Tt-021, Gamma Screening of Trucks Using the Stationary Portal Monitor", DCN:ECSD-RAC-05-1230, as required by Section 4.1.8 of the Basewide Radiological Work Plan. The portal monitor is a Ludlum Model 3500-1000RMW portal monitor and is set to alarm at approximately 15 microRem per hour, not to exceed 8.5 deviations above background. Although the monitor comes from the factory set at 6 deviations above background, Tetra Tech EC worked with the Navy to set the alarm point a little higher to decrease the number of false alarms. The shipping company uses a lot of aluminum walled trucks that cause false alarms. The current set point is well below the State of California release limits for unrestricted use. If the truck sets off the portal monitor, the truck's contents are scanned by hand using a portable 2X2 sodium iodide detector. Incoming trucks also pass through the portal monitor. The monitor is used to detect elevated radiation levels and alarms to prevent the entry or exit of possibly contaminated materials. Only soil that was generated as a result of chemical remediation in Parcel C was shipped off-site, and it was surveyed prior to release and also passed through the portal monitor. Soil sampling results from the radiological remediation are still under review, and the associated soil is still on-site.

Lily Lee

Cleanup Project Manager
Superfund Division

U.S. Environmental Protection Agency, Region 9

75 Hawthorne St. (SFD-8-3)

San Francisco, CA 94105

Tel: 415-947-4187, Fax: 415-947-3518

For information on Superfund in general: www.epa.gov/region9/superfund

For information on Hunters Point Naval Shipyard: www.epa.gov/superfund/hunterspoint